



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: **C-1**

March 22, 2005

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
ALL SUPERVISORIAL DISTRICTS  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000068 - Little Dalton Debris Dam Seismic Strengthening and Spillway Bridge, City of Glendora (5), Griffith Company, in amount of \$31,511.75.

Project ID No. FCC0000368 - Ninth Avenue Drain, vicinities of Industry and Hacienda Heights (1 and 4), W. A. Rasic Construction Company, Inc., in amount of \$26,800.00.

Project ID No. FCC0000396 - Dominguer Drain and Pump Station, City of Carson (2), Colich Construction L. P., in amount of \$63,400.00.

Project ID No. FCC0000753 - Fairplex Drain, City of Pomona (1), Mike Bubalo Construction Company, in amount of \$37,000.00.

Project ID No. FCC0000789 - Mindora Drain, City of Torrance (4), Mladen Grbavac Construction, in amount of \$68,200.00.

Project ID No. GME0000005 - Retrofit/Replacement of Underground Storage Tanks and Fuel Facilities, Group 5, vicinities of Agoura, Whittier, Pico Rivera, Malibu, Lake Hughes, Monrovia, Lancaster, Montebello, Littlerock, Los Angeles, La Verne, Compton, El Monte, Glendora, Mount Wilson, La Puente, and Hawthorne (All), Geo-Cal, Inc., in amount of \$23,900.00.

Project ID No. TSM0010007 - Imperial Highway at Firestone Boulevard, et al., City of Norwalk (4), Sequel Contractors, Inc., in amount of \$16,300.00.

Project ID No. WRDD000011 - San Gabriel Dam and Reservoir Post-Fire Sediment Removal, vicinity of Angeles National Forest (5), Barnard Construction Company, Inc., in amount of \$191,340.00.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extension are listed in the enclosure for each contract.

The Acting Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000068, FCC0000368, FCC0000396, FCC0000753, FCC0000789, GME0000005, TSM0010007, and WRDD000011.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$16,300.00 to \$191,340.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes and contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Acting Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
March 22, 2005  
Page 4

**CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE  
Acting Director of Public Works

PB:tn  
O:\Section\Administration\Board\Ciw\03-22-05LTR.doc

Enc. 8

cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. FCC0000068, LITTLE DALTON DEBRIS DAM SEISMIC  
STRENGTHENING AND SPILLWAY BRIDGE (City of Glendora),  
Supervisory District 5, Contractor: Griffith Company

Project Description:

Seismic strengthening of an existing reinforced concrete spillway and outlet tower, construction of a reinforced concrete bridge with prestressed girders to span the spillway at the dam crest, and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$22,290.00
(2) Remove and Replace Chainlink Fence	4,721.75
(3) Perform Soil Tests	<u>4,500.00</u>
Total	<u>\$31,511.75</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) The existing chainlink fence along the right of way at Glendora Mountain Road has deteriorated. It will be necessary to remove and replace the fence. This work was not shown on the plans.

(3) In order to perform soil tests using the required Sand Cone Method, it will be necessary to use a 12-inch cone. Our in-house laboratory is only equipped with a standard 6-inch cone; therefore, it will be necessary to use an outside laboratory for these tests.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 were negotiated as provided in Subsection 3-2 of the contract specifications.

Twelve additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,026,283.00
Changes in work previously approved by the Board	14,000.00
Changes in work to be authorized	<u>31,511.75</u>
Revised contract amount	<u>\$1,071,794.75</u>

HH:lgm

O:\Projects\Programs - Flood\LittleDaltonDebrisDamSeismicStrength (FCC0000068)\Board\CIW#2.doc

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. FCC0000368, NINTH AVENUE DRAIN (in the vicinities of Industry and Hacienda Heights), Supervisorial Districts 1 and 4,  
Contractor: W. A. Rasic Construction Company, Inc.

Project Description:

Construction of a reinforced concrete box and pipe storm drains, drainage structures, retaining walls, asphalt concrete pavement, curb and gutter, sidewalk, driveways, and other appurtenant work.

Changes in Work:

(1) Delay due to Abandoned Utilities	\$ 5,000.00
(2) Additional Concrete Removal	9,800.00
(3) Delay Due to Leaking Water Main	5,000.00
(4) Sewer House Connection Repair	<u>7,000.00</u>
Total	<u>\$26,800.00</u>

Description of Changes:

(1) Your Board previously approved changes in work to compensate the contractor for delays due to abandoned utilities. The cost for this work will exceed the original estimate by the amount shown.

(2) During removal of an existing reinforced concrete pipe, a reinforced concrete box was encountered which interferes with the new storm drain; therefore, it will be necessary to reimburse the contractor for the costs of the additional labor and equipment.

(3) An old water main near the construction area continues to develop leaks. It will be necessary to reimburse the contractor for delays in the amount shown.

(4) During construction of a storm drain, an unidentified sewer house connection was damaged. It will be necessary to reimburse the contractor for the cost to repair the connection. This work is not shown on the plans.

The costs for Items 1 through 4 will be based on time and materials methods as provided in Subsection 3-3 of contract specifications.

One additional working day will be required because of these changes; however, 29 additional working days were granted to the contractor due to delays in finding a location for an office facility.

Revised Contract Amount:

Original contract amount	\$3,467,493.00
Changes in work previously approved by the Board	26,604.00
Changes in work to be authorized	<u>26,800.00</u>
Revised contract amount	<u>\$3,520,897.00</u>

GEM:tn

O:\Projects\Programs - Flood\NinthAveDrn (FCC0000368)\Board\CIW#2.doc



CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. FCC0000396, DOMINGER DRAIN AND PUMP STATION  
(City of Carson), Supervisorial District 2, Contractor: Colich Construction L. P.

Project Description:

Construction of a reinforced pipe storm drain system, a pump station, and an outlet works to be connected to an existing flood control channel.

Changes in Work:

(1) Variations in Bid Quantities	\$32,200.00
(2) Construct Cold Joint at Parapet Wall	28,500.00
(3) Shorten Concrete Roof Planks	<u>2,700.00</u>
Total	<u>\$63,400.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to insert a cold joint in the east and west walls of the pump station structure to properly install the prefabricated concrete roof panels before constructing the parapet wall. This work is not shown on the plans.

(3) It will be necessary to shorten the prefabricated concrete roof panels by 8 inches to properly construct the roof structure of the pump station. This work is not shown on the plans.

The costs for Item 1 were based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$5,458,770.00
Changes in work previously authorized by the Board	63,732.05
Changes in work to be authorized	<u>63,400.00</u>
Revised contract amount	<u>\$5,585,902.05</u>

SMA:tn

O:\Projects\Programs - Flood\DomingerReliefDm (FCC0000396)\Board\CIW#2.doc

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. FCC0000753, FAIRPLEX DRAIN (City of Pomona),  
Supervisory District 1, Contractor: Mike Bubalo Construction Company

Project Description:

Construction of reinforced concrete box and pipe storm drain and drainage structures, dewatering, treatment and disposal of groundwater, and other appurtenant work.

Changes in Work:

(1) Delay Due to Unmarked Utilities	\$30,000.00
(2) Expedite Trench Paving	4,500.00
(3) Delay Due to Interfering Concrete Wall	<u>2,500.00</u>
Total	<u>\$37,000.00</u>

Description of Changes:

(1) During excavation operations, the contractor encountered interfering utilities at various locations along Lines A and C of the storm drain alignment. The utilities were not shown on the plans. It will be necessary to compensate the contractor for delay costs incurred due to these unmarked utilities.

(2) At the request of the Sheriff's Department, the contractor was directed to expedite backfilling, compaction, and paving of a section of the trench in an area to be used for training by the Sheriff's Department. It will be necessary to compensate the contractor for the additional costs associated with expediting paving of the trench.

(3) It will be necessary to compensate the contractor for delay costs incurred along Line C of the storm drain alignment due to an interfering concrete wall. The wall was not shown on the plans.

The costs for Items 1 through 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$4,866,502.00
Change in work previously approved by the Board	33,298.14
Changes in work to be authorized	<u>37,000.00</u>
Revised contract amount	<u>\$4,936,800.14</u>

HH:tn

O:\Projects\Programs - Flood\FairplexDrain (FCC0000753)\Board\CIW#02.doc

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. FCC0000789, MINDORA DRAIN (City of Torrance),  
Supervisory District 4, Contractor: Mladen Grbavac Construction

Project Description:

Construction of a reinforced concrete pipe storm drain, drainage structure, and other appurtenant work.

Change in Work:

Emergency Repair Work in the City of Rolling Hills Estates \$68,200.00

Description of Change:

It will be necessary to remove and replace approximately 20' of existing corrugated metal pipe which failed during a recent major storm, line an additional 100' of damaged pipe, and construct a manhole. This work was requested and will be paid for by the City of Rolling Hills Estates. The cost for this work was negotiated as provided in Subsection 3-2 of the contract specifications. Sufficient funds for this work are available to Road Fund for the Fiscal Year 2004-05.

No additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$1,285,995.00
Change in work to be authorized	<u>68,200.00</u>
Revised contract amount	<u>\$1,354,195.00</u>

SMA:er

O:\Projects\Programs - Flood\MindoraDrain (FCC0000789)\Board\CIW#1.doc

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. GME0000005, RETROFIT/REPLACEMENT OF UNDERGROUND STORAGE TANKS AND FUEL FACILITIES, GROUP 5 (in the vicinities of Agoura, Whittier, Pico Rivera, Malibu, Lake Hughes, Monrovia, Lancaster, Montebello, Littlerock, Los Angeles, La Verne, Compton, El Monte, Glendora, Mount Wilson, La Puente, and Hawthorne), All Supervisorial Districts  
Contractor: Geo-Cal, Inc.

Project Description:

Retrofit/replacement of underground storage tanks and fuel facilities.

Changes in Work:

(1) Fire Hydrant Relocation	\$ 7,400.00
(2) Longer Fuel Hoses	1,200.00
(3) Electrical Modification	4,000.00
(4) Fuel Delivery	850.00
(5) Transformer Relocation	3,400.00
(6) Dispenser Relocation	1,200.00
(7) Static Tank Grounding and Resistance Testing	3,000.00
(8) Sensor Resetting	900.00
(9) Filter Replacement	1,100.00
(10) Fuel System Testing	<u>850.00</u>
Total	<u>\$23,900.00</u>

Description of Changes:

- (1) Due to varying field conditions, it is necessary to relocate an existing fire hydrant. This work is not shown on the plans.
- (2) Longer fuel hoses than those specified are needed to accommodate large vehicles. This work is not shown on the plans.
- (3) The voltage specified on the plans are not compatible with the existing electrical services. The contractor will be compensated for modifying the new equipment to be compatible with the existing voltage.

(4) The contractor was instructed to order fuel for the new tank at the Lake Hughes Waterworks facility to expedite testing and acceptance of the new facility. This work is not shown on the plans.

(5) An existing transformer will be relocated to comply with minimum clearance requirements. This work is not shown on the plans.

(6) The unleaded and diesel dispenser units at Fox Field will be relocated for easier access. This work is not shown on the plans.

(7) The contractor will perform static tank grounding and resistance testing, which is recommended for all underground fuel tank installations. This work is not shown on the plans.

(8) Rainwater seeped inside the fuel sumps causing the alarms to go off and shut down the system. The contractor will pump out the water and reset the sensors. This work is not shown on the plans.

(9) The contractor was instructed to replace the filters inside the fueling system to expedite repairs and return the system to operation. This work is not shown on the plans.

(10) The contractor assisted in the annual testing for the fueling system. This work is not shown on the plans.

The costs for Items 1 through 10 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Twenty-nine additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$2,056,100.00
Changes in work previously approved by the Board	40,339.87
Changes in work to be authorized	<u>23,900.00</u>
Revised contract amount	<u>\$2,120,339.87</u>

HC:tn

O:\Projects\Special\Retrofit&ReplacementofUSTs Group 5 (GME0000005)\Board\CIW#2.doc

CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. TSM0010007, IMPERIAL HIGHWAY AT FIRESTONE BOULEVARD,  
ET AL. (City of Norwalk), Supervisorial District 4, Contractor: Sequel Contractors, Inc.

Project Description:

Widening of roadway pavement; construction of curb, sidewalk, driveways, curb and gutter, and curb ramps; and installation of striping and pavement markings.

Change in Work:

Changeable Message Signs	\$16,300.00
--------------------------	-------------

Description of Change:

The contractor will provide changeable message signs to notify the public of traffic updates during construction. This work is not shown on the plans. The cost for this change will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Two additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$219,519.50
Change in work to be authorized	<u>16,300.00</u>
Revised contract amount	<u>\$235,819.50</u>

HC:tn

O:\Projects\Programs - Road\ImperialHwy@FirestoneBlvd (TSM001007)\Board\CIW#1.doc



CHANGE IN WORK (AUTHORIZE)  
March 22, 2005

PROJECT ID NO. WRDD000011, SAN GABRIEL DAM AND RESERVOIR POST-FIRE  
SEDIMENT REMOVAL (in the vicinity of Angeles National Forest), Supervisorial District 5,  
Contractor: Barnard Construction Company, Inc.

Project Description:

Removal and disposal of sediment, organic material, and trash from a reservoir.

Change in Work:

Construction of a Culvert Under East Fork Road \$191,340.00

Description of Change:

This project involves removing several million tons of sediment from the San Gabriel Reservoir and placing it in a Sediment Placement Site. The plans call for trucks to haul the sediment across the East Fork of San Gabriel Canyon Road at grade thereby requiring frequent delays to traffic. To avoid this, the contractor proposed constructing a large culvert which the trucks can use to cross under the road and avoid the disadvantages of the at grade crossing. This culvert will minimize the impact of this cleanout on motorists and will also be available for use in future reservoir cleanout projects. Therefore, in view of the long term advantages of the culvert, Public Works agreed to contribute the amount shown above which represents approximately 25 percent of the total cost of the culvert. The contractor will pay the balance of the costs. The cost of this work was negotiated as provided in Subsection 3-2 of the project specifications.

No additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$34,170,000.00
Changes in work previously approved by the Board	53,018.17
Change in work to be authorized	<u>191,340.00</u>
Revised contract amount	<u>\$34,414,358.17</u>

AD:tn

O:\Projects\Programs - Flood\SanGabrielDams&ReservoirsSedimentRemoval (WRDD000011)\Board\CIW4.doc